

FIG. 1

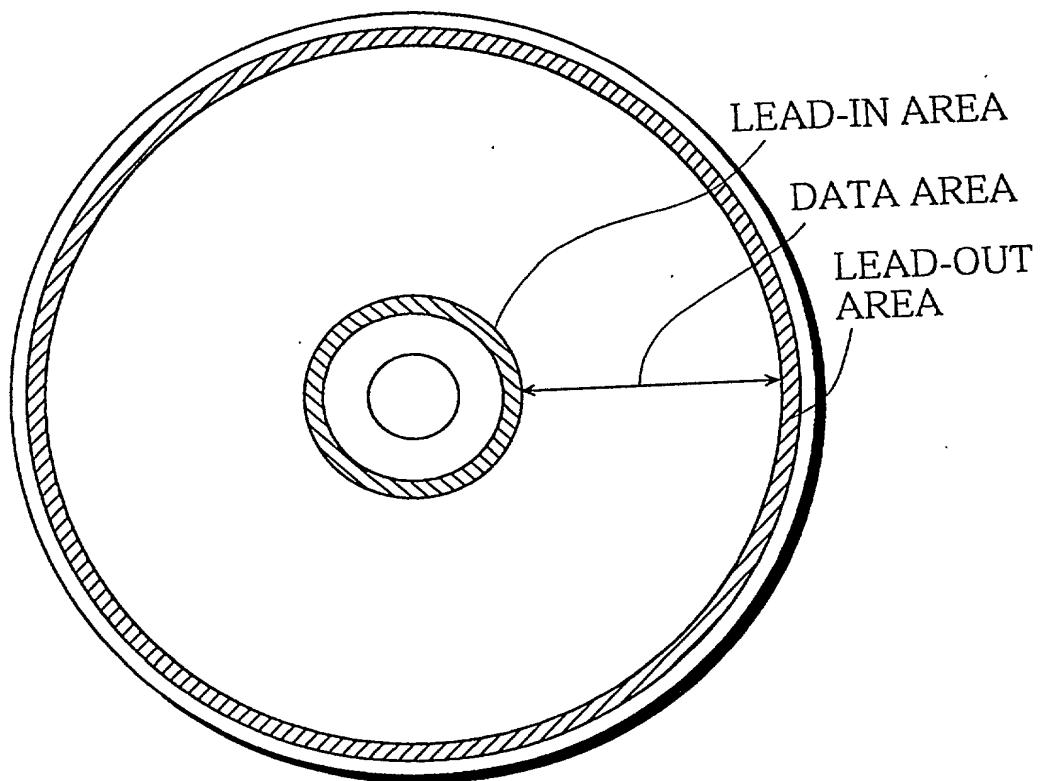


FIG. 2

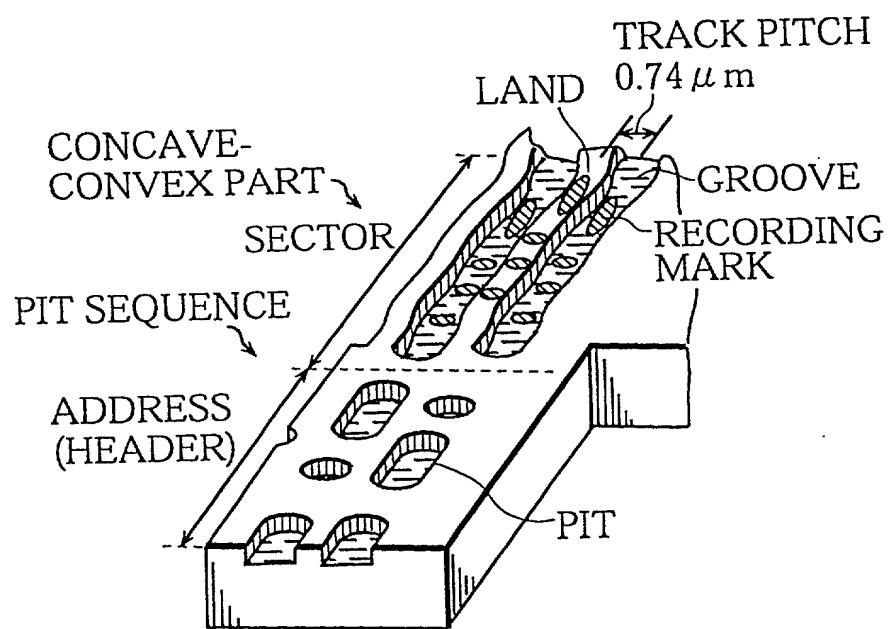


FIG. 3A

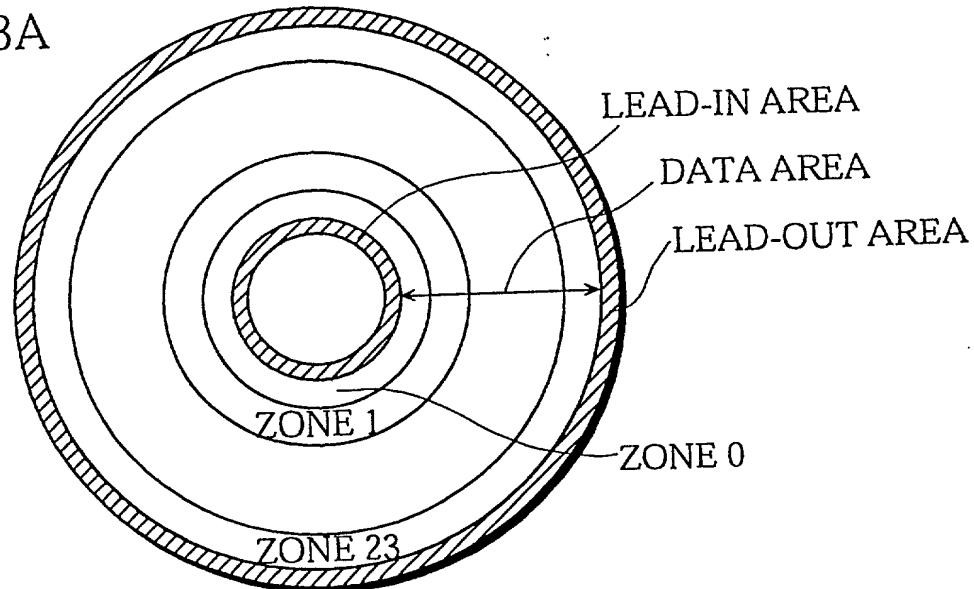


FIG. 3B

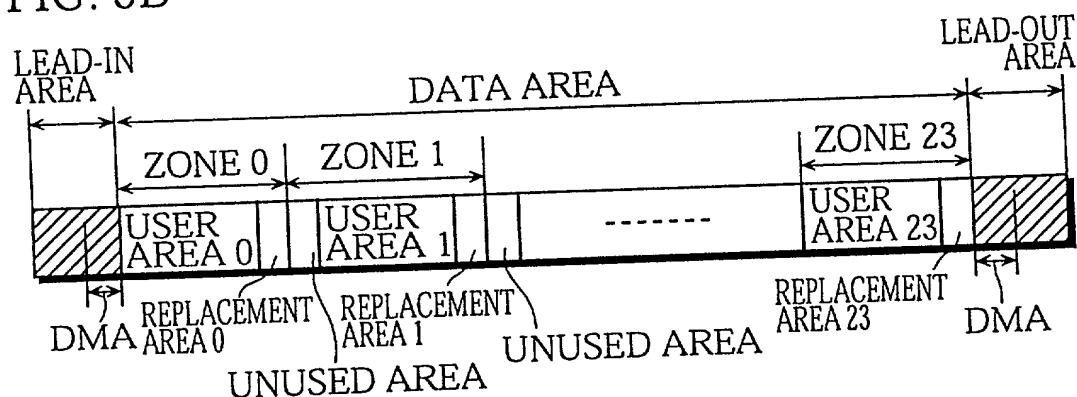


FIG. 3C

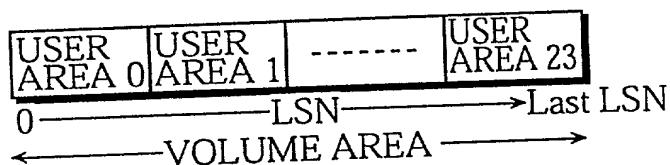


FIG. 3D

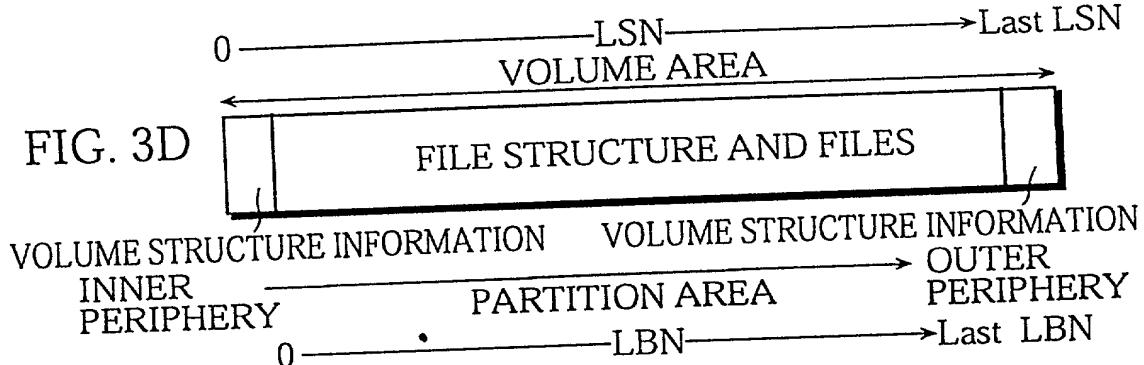


FIG. 4

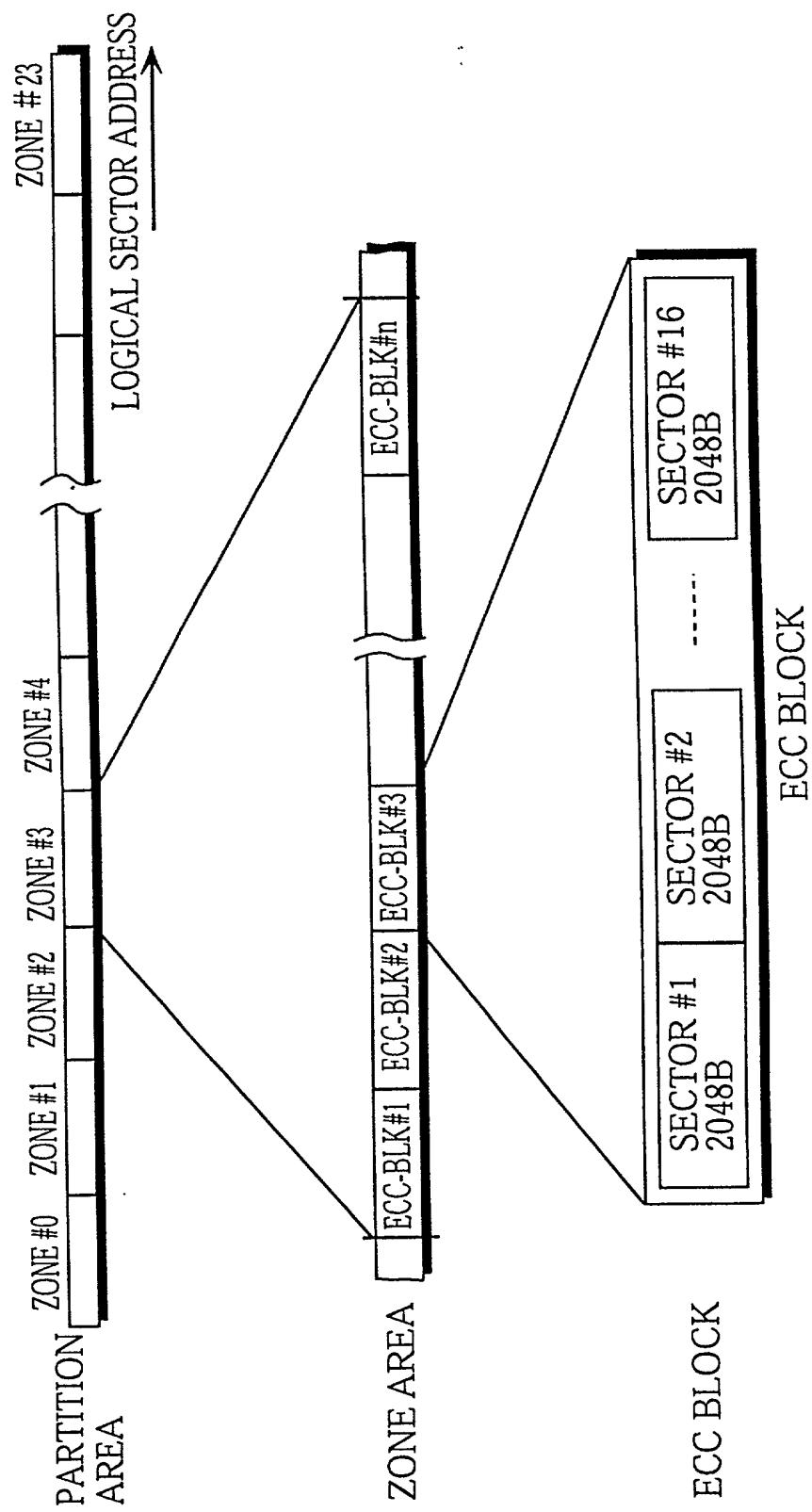


FIG. 5

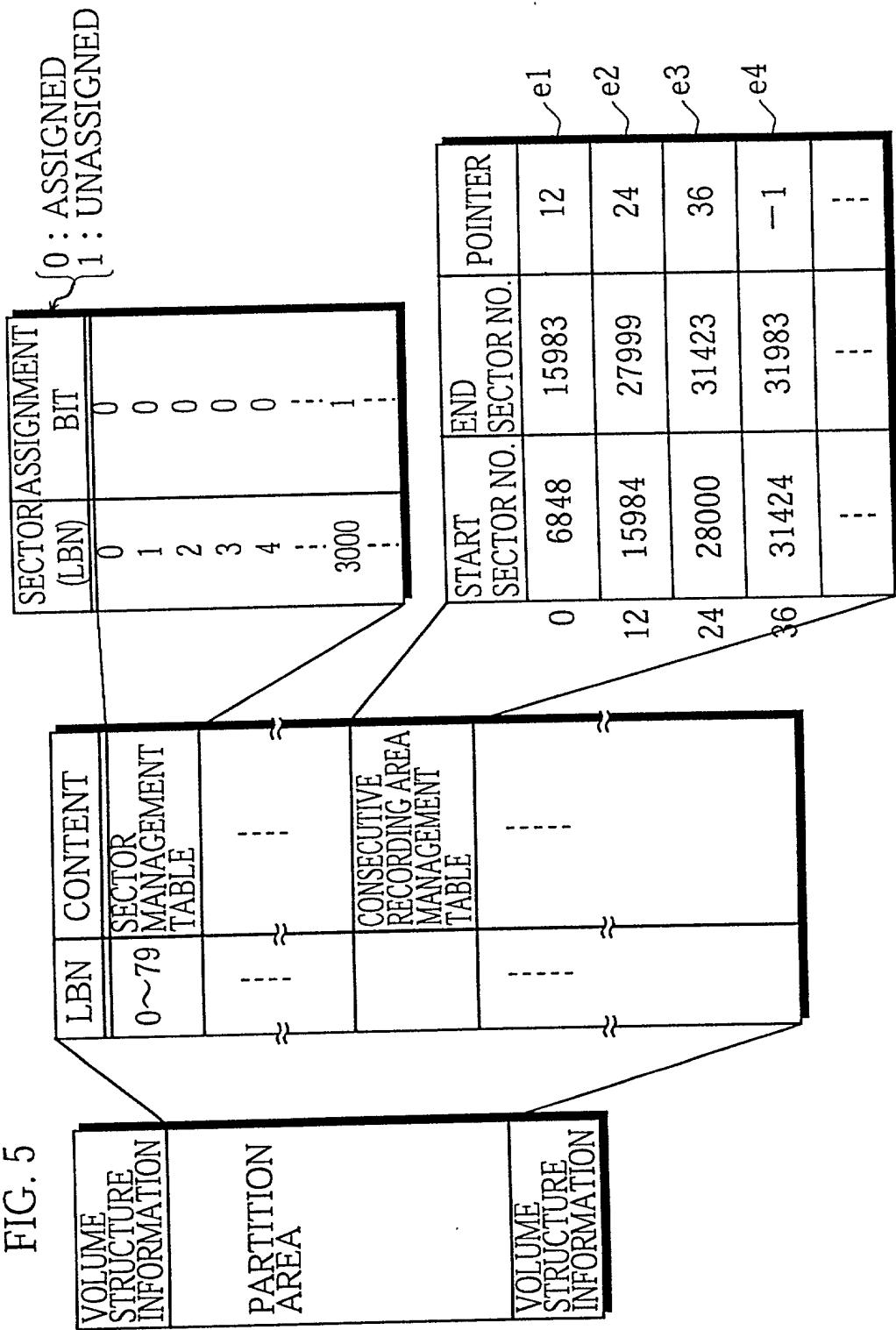


FIG. 6

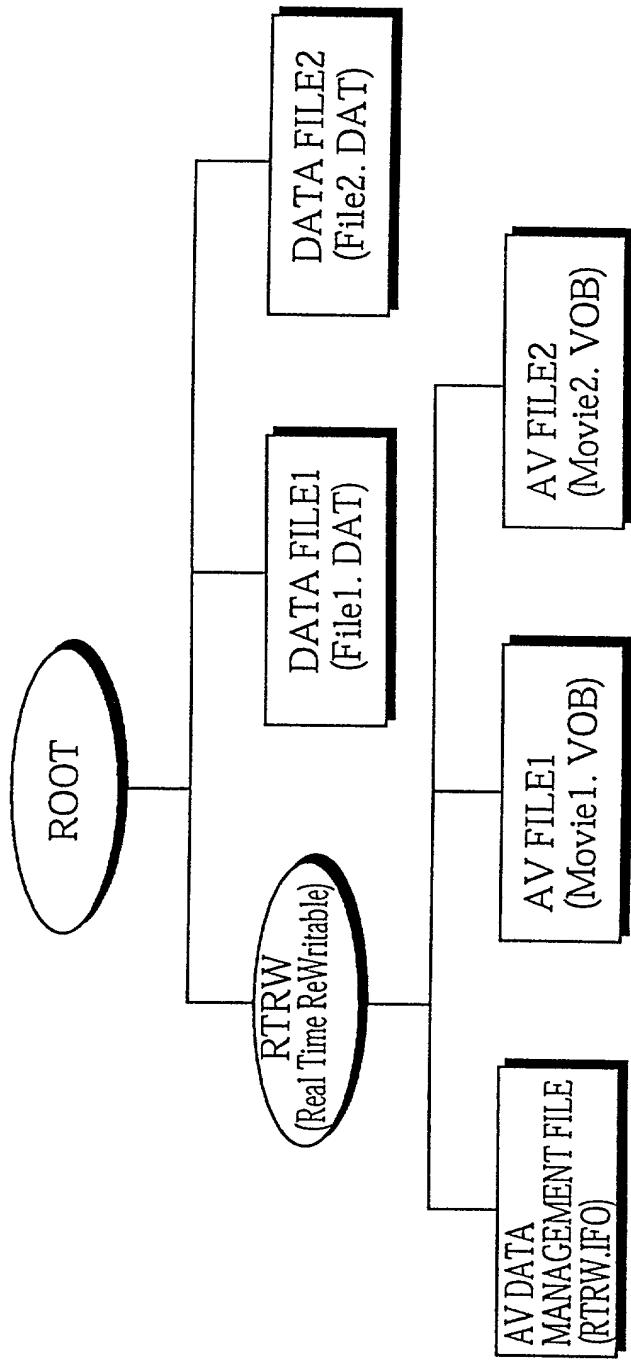


FIG. 7

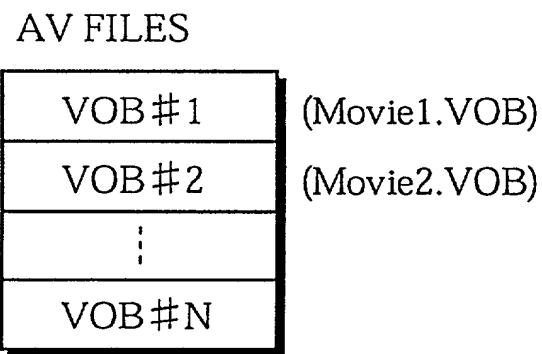


FIG. 8

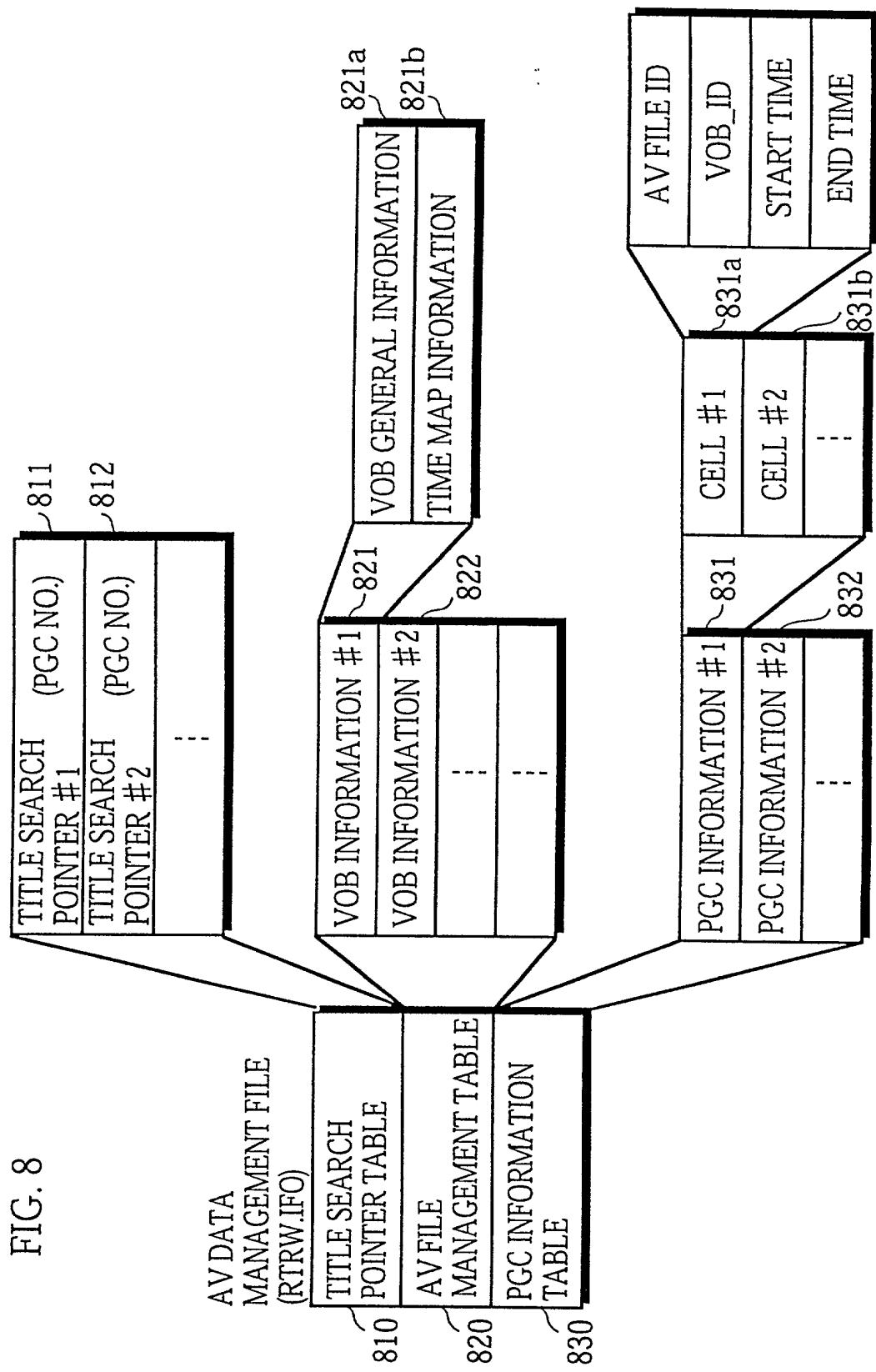


FIG. 9

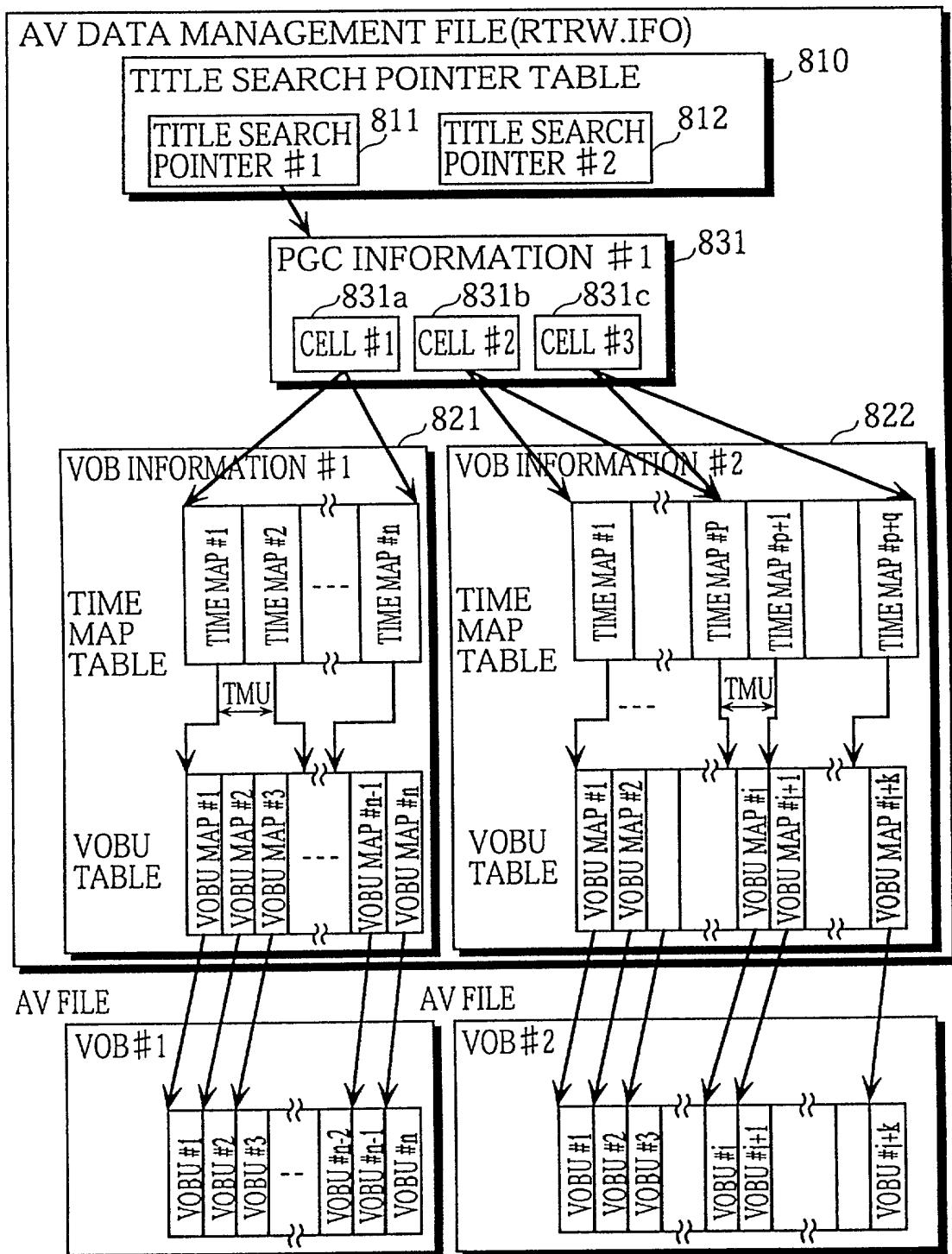


FIG. 10

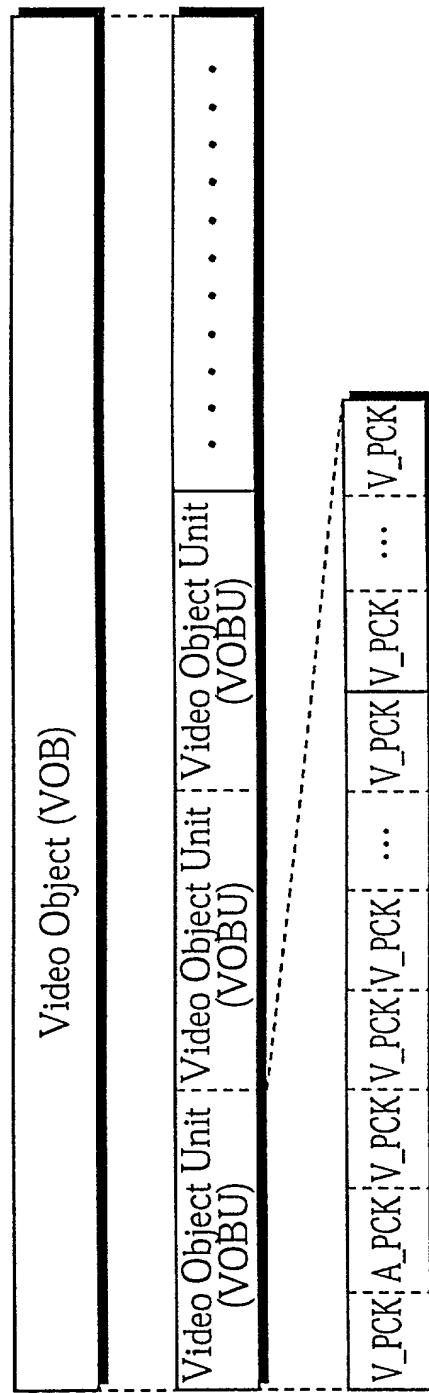


FIG. 11

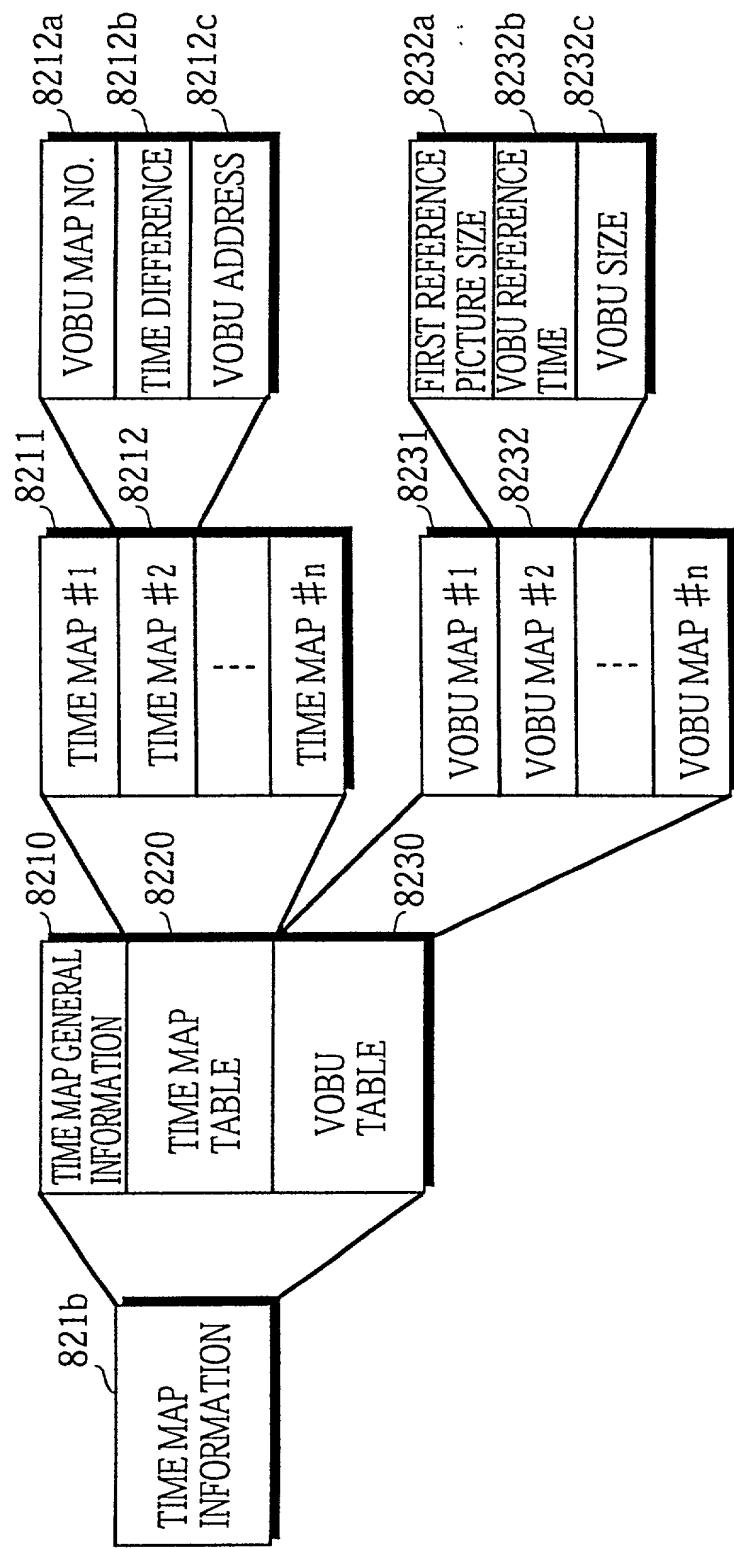


FIG. 12

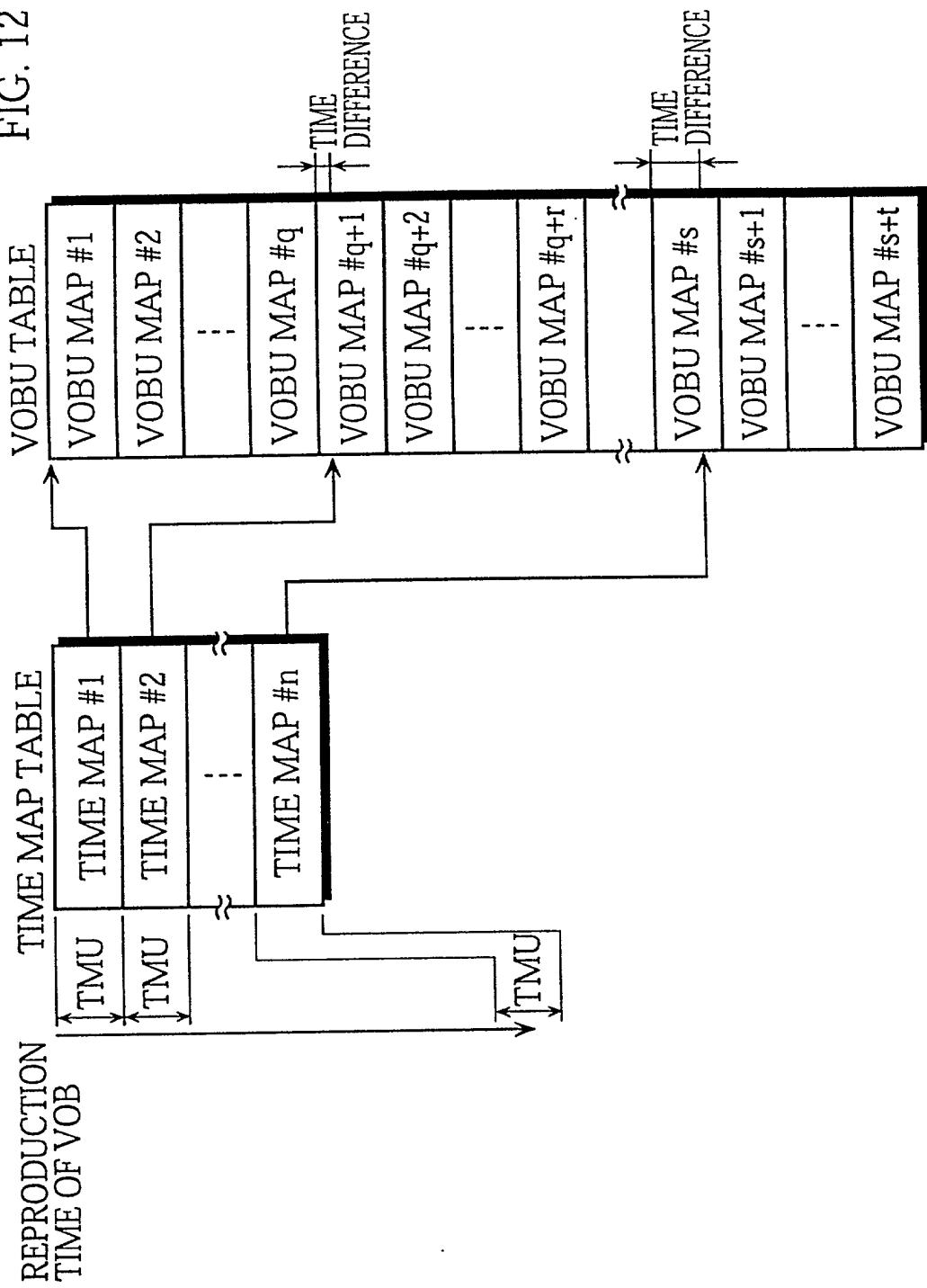


FIG. 13

REPRODUCTION
TIME OF VOB

t

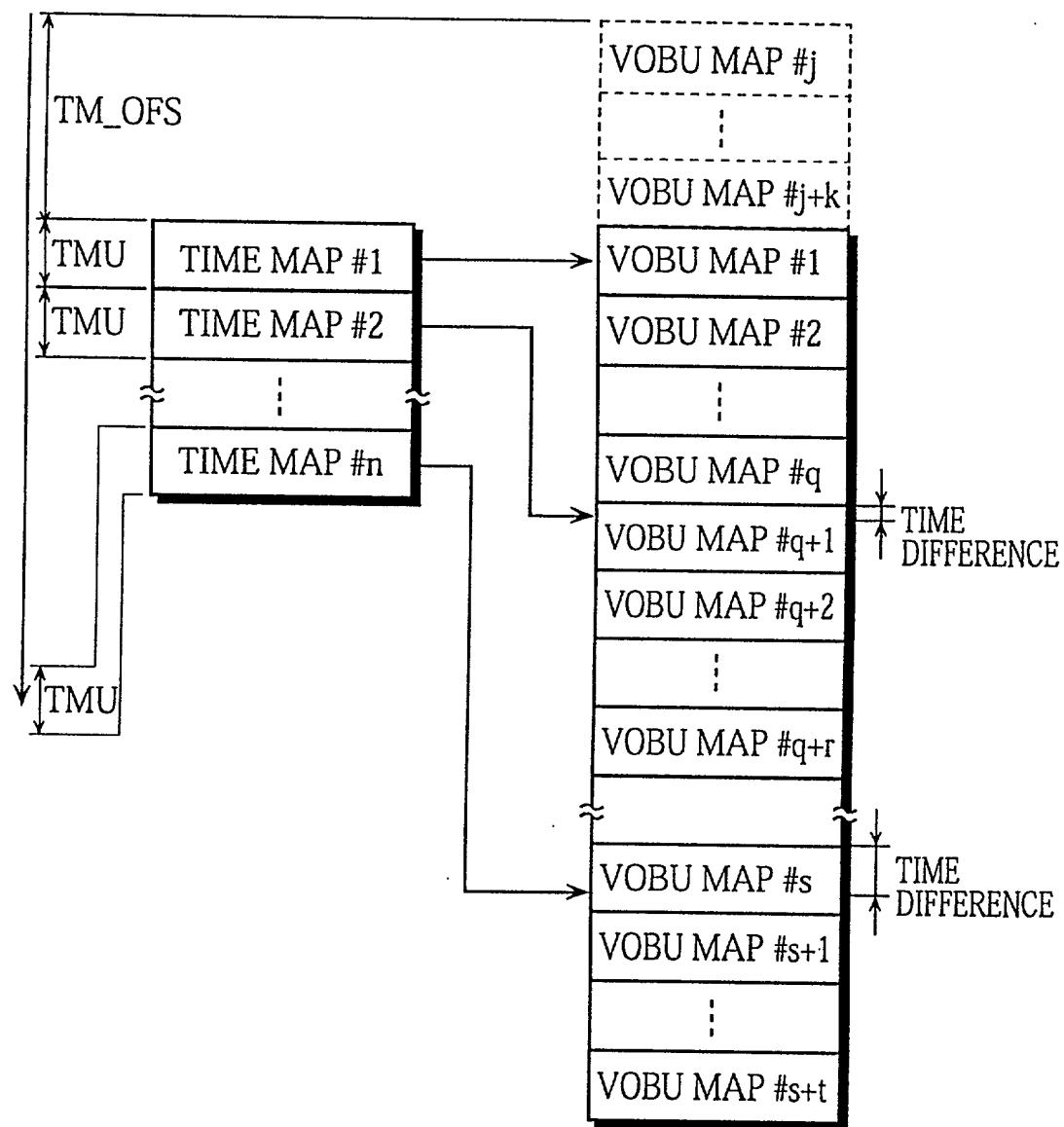


FIG. 14

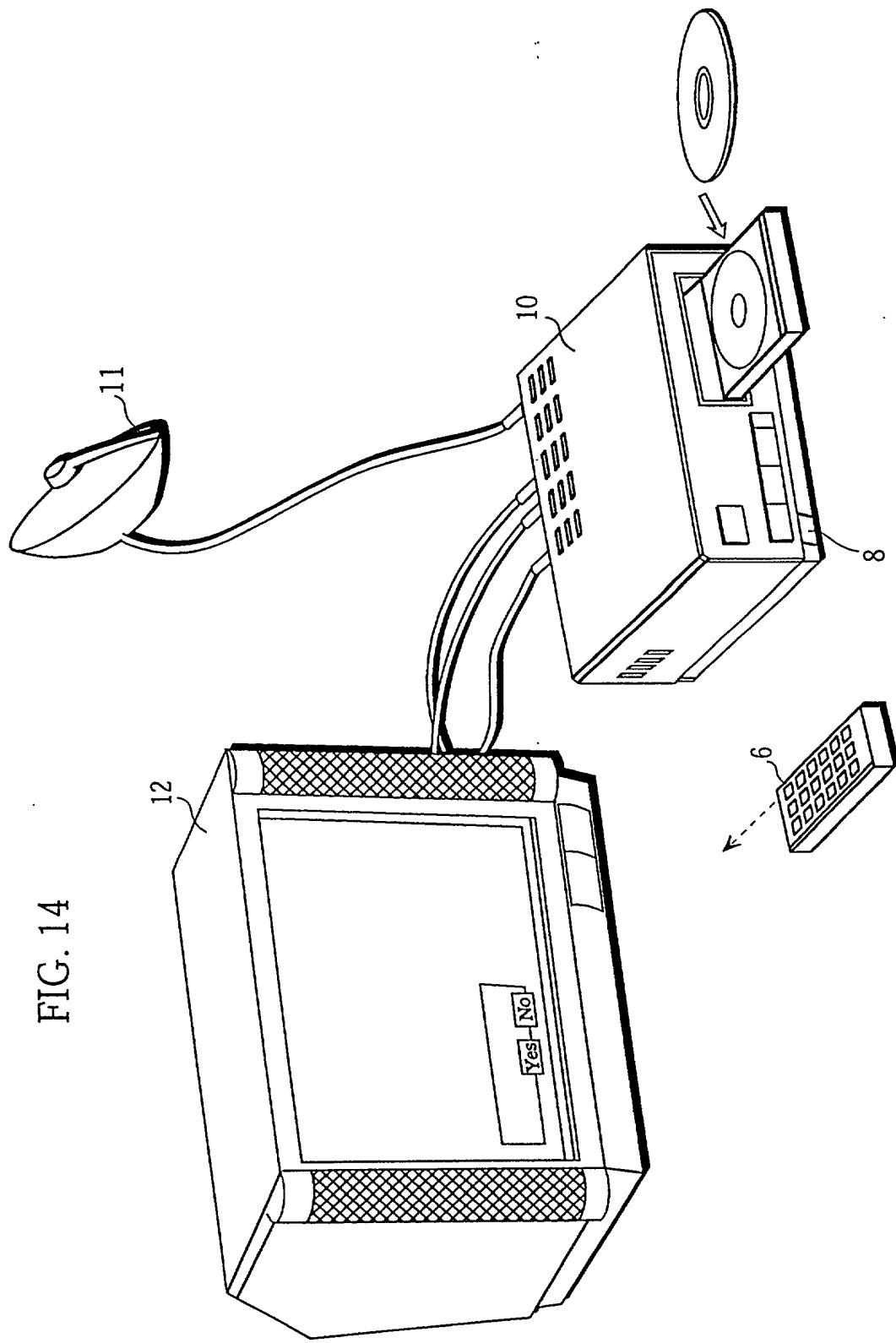


FIG. 15

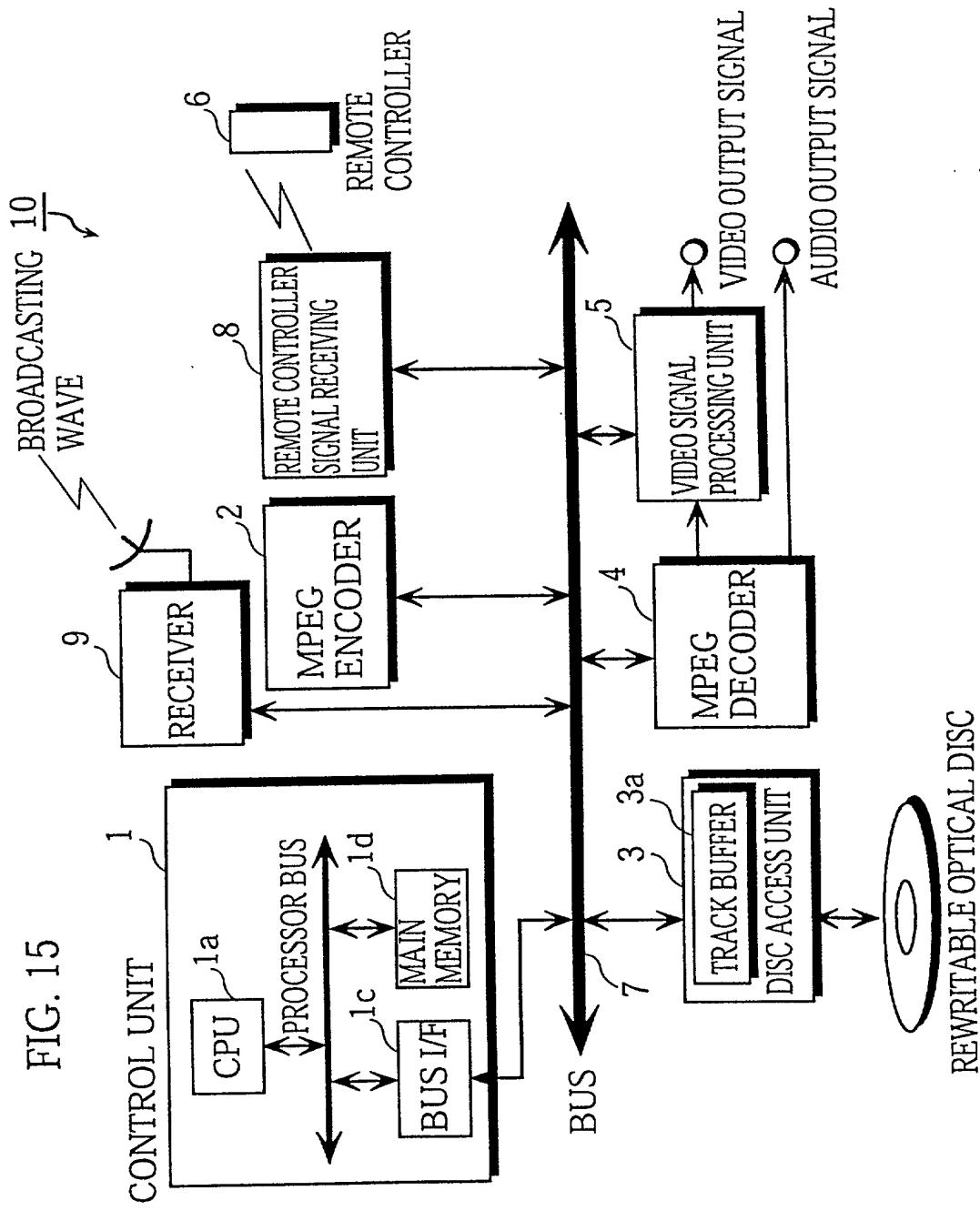
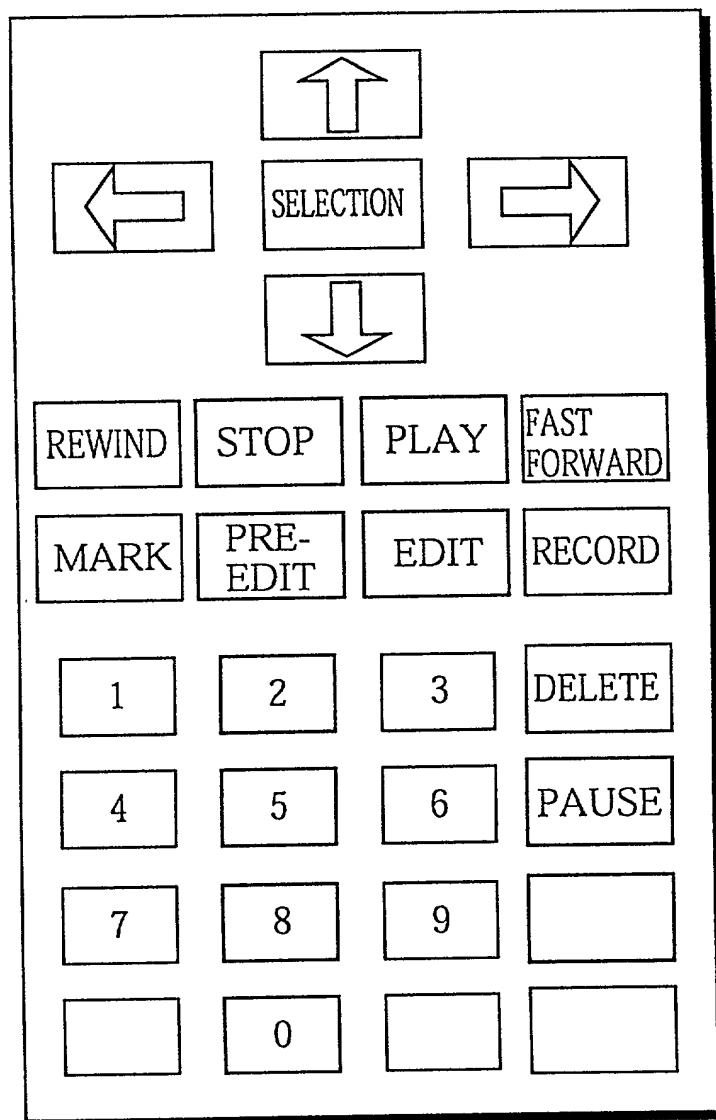


FIG. 16



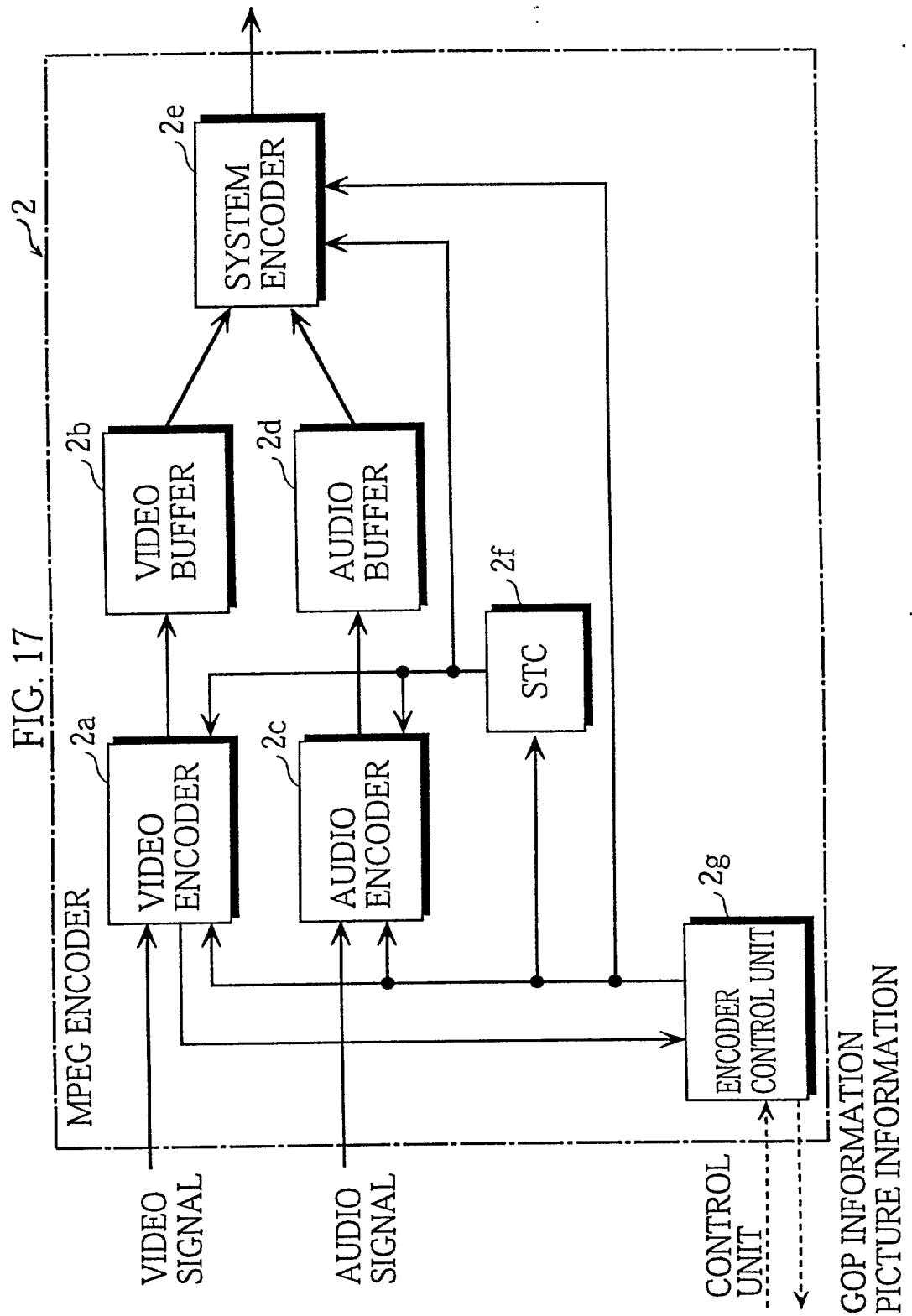


FIG. 18

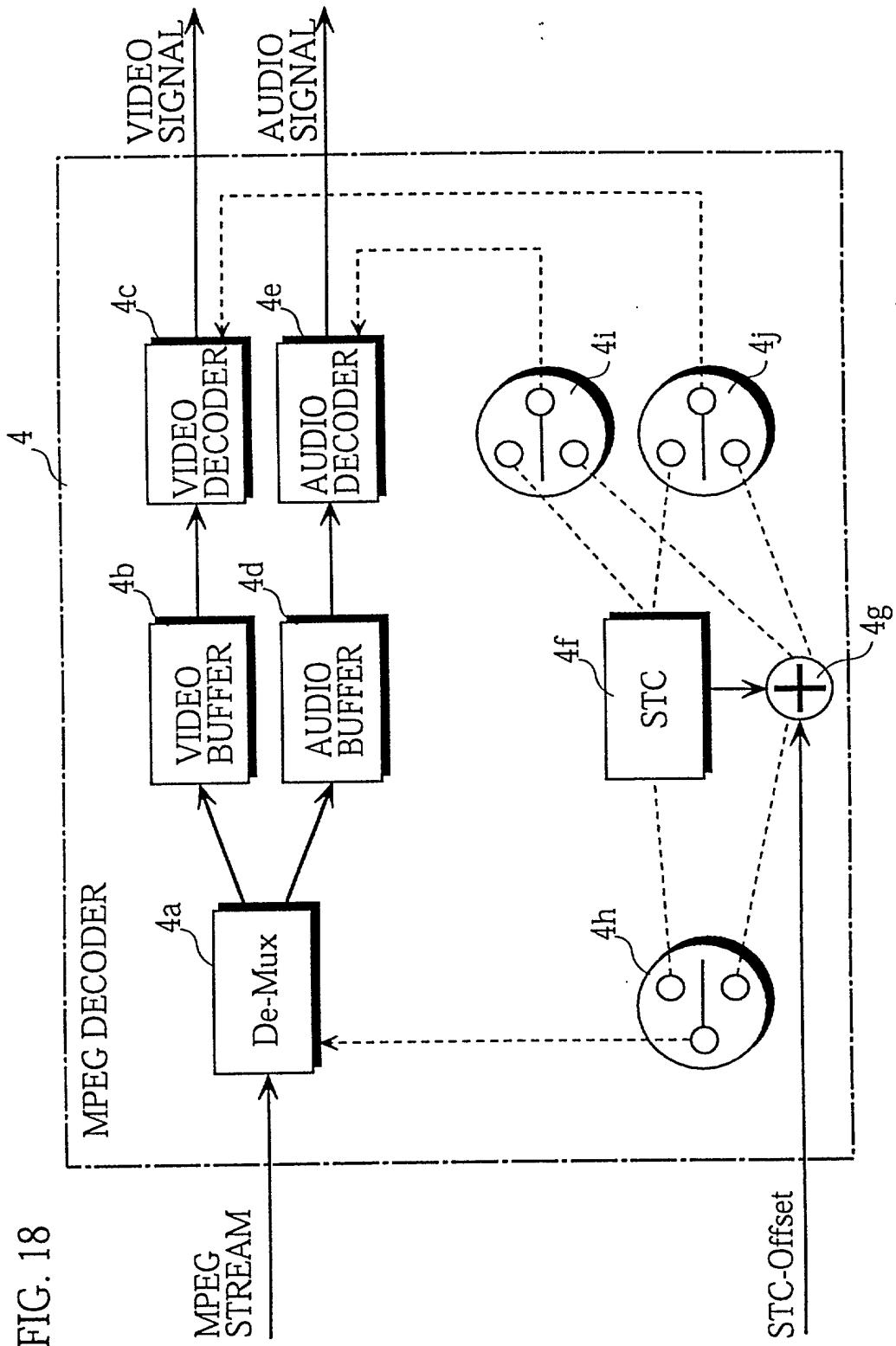


FIG. 19

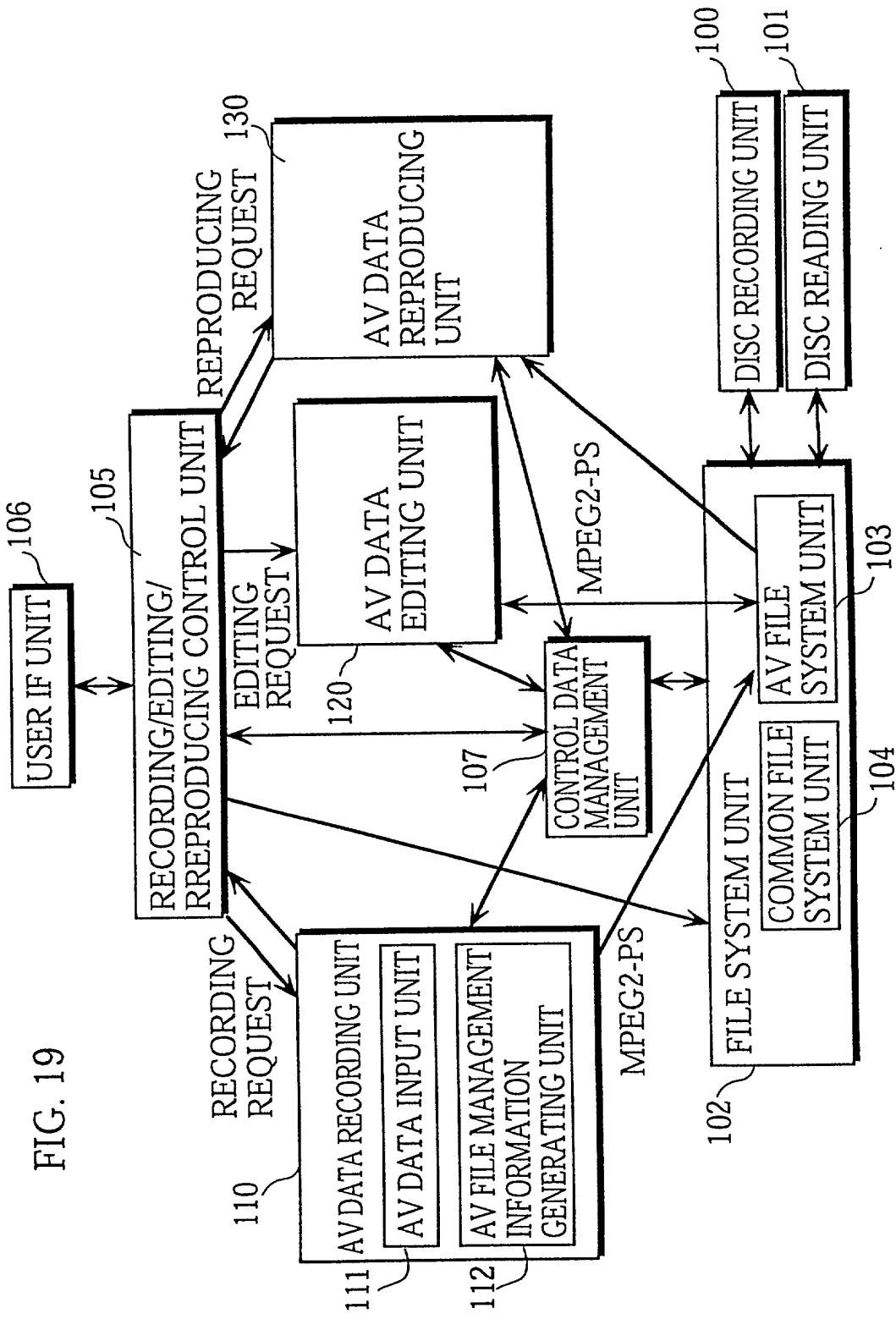


FIG. 20

COMMON FILE SYSTEM UNIT 104

CREATE	GENERATE A FILE
DELETE	DELETE A FILE
OPEN	OPEN A FILE
CLOSE	CLOSE A FILE
WRITE	WRITE A NON-AV FILE
READ	READ A FILE(COMMON TO AV AND NON-AV)
SEEK	MOVE INSIDE A DATA STREAM
RENAME	CHANGE A FILE NAME
MKDIR	GENERATE A DIRECTORY
RMDIR	REMOVE A DIRECTORY
STATFS	OBTAIN A FILE SYSTEM STATE
GET-ATTR	OBTAIN A FILE ATTRIBUTE
SET-ATTR	SET A FILE ATTRIBUTE
SEARCH_DISCON	DETECT WHETHER A SPECIFIED SECTION INCLUDES A DISCONTINUOUS BOUNDARY(ZONE BOUNDARY)

AV FILE SYSTEM UNIT 103

MERGE	MERGE OF AVFILE1+BUFFER+AV FILE2
SPLIT	SPLIT AN AV FILE
SHORTEN	DELETE AN EDGE OF AV FILE
REPLACE	REPLACE A PART OF AV FILE

FIG. 21

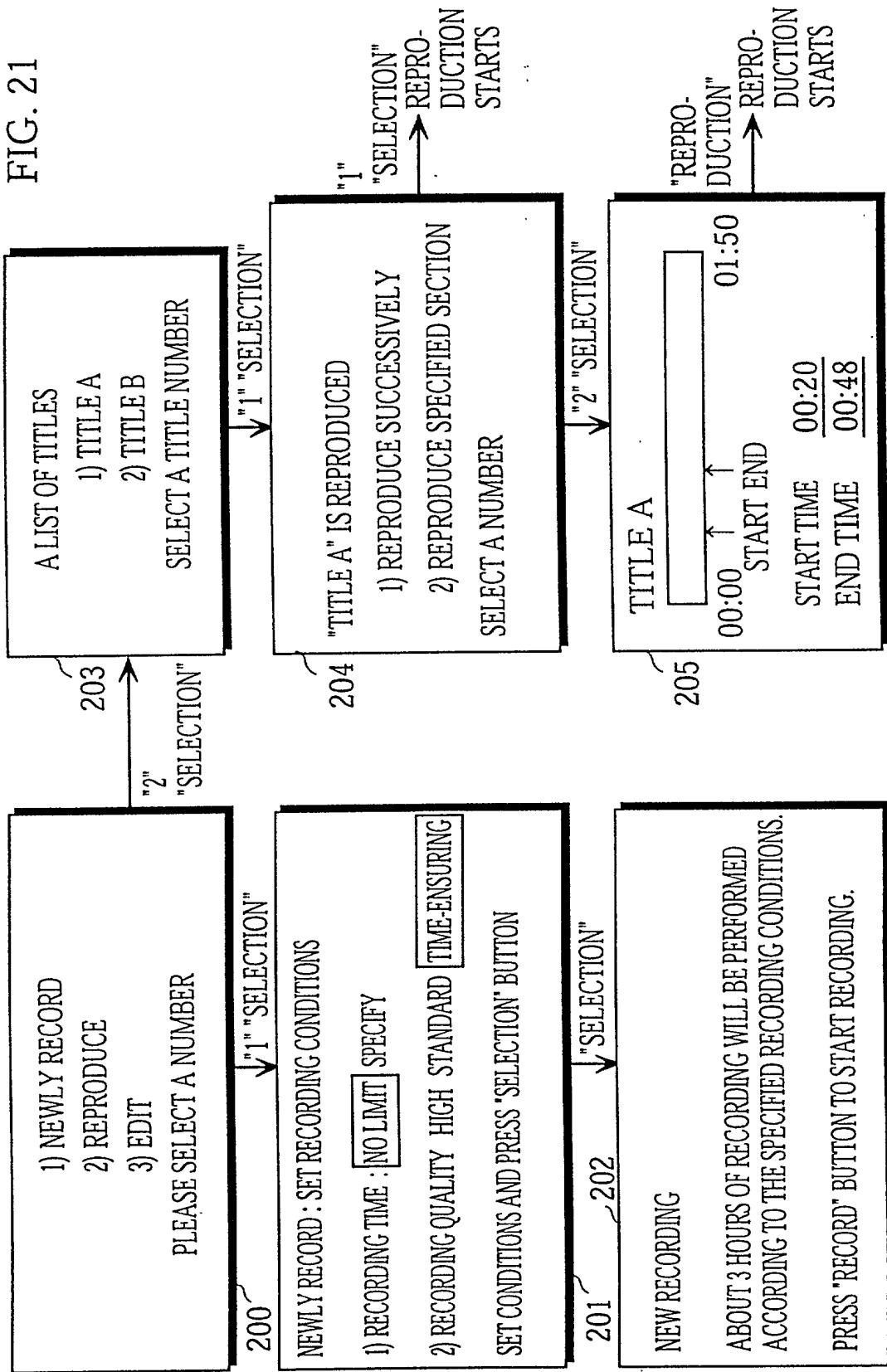


FIG. 22

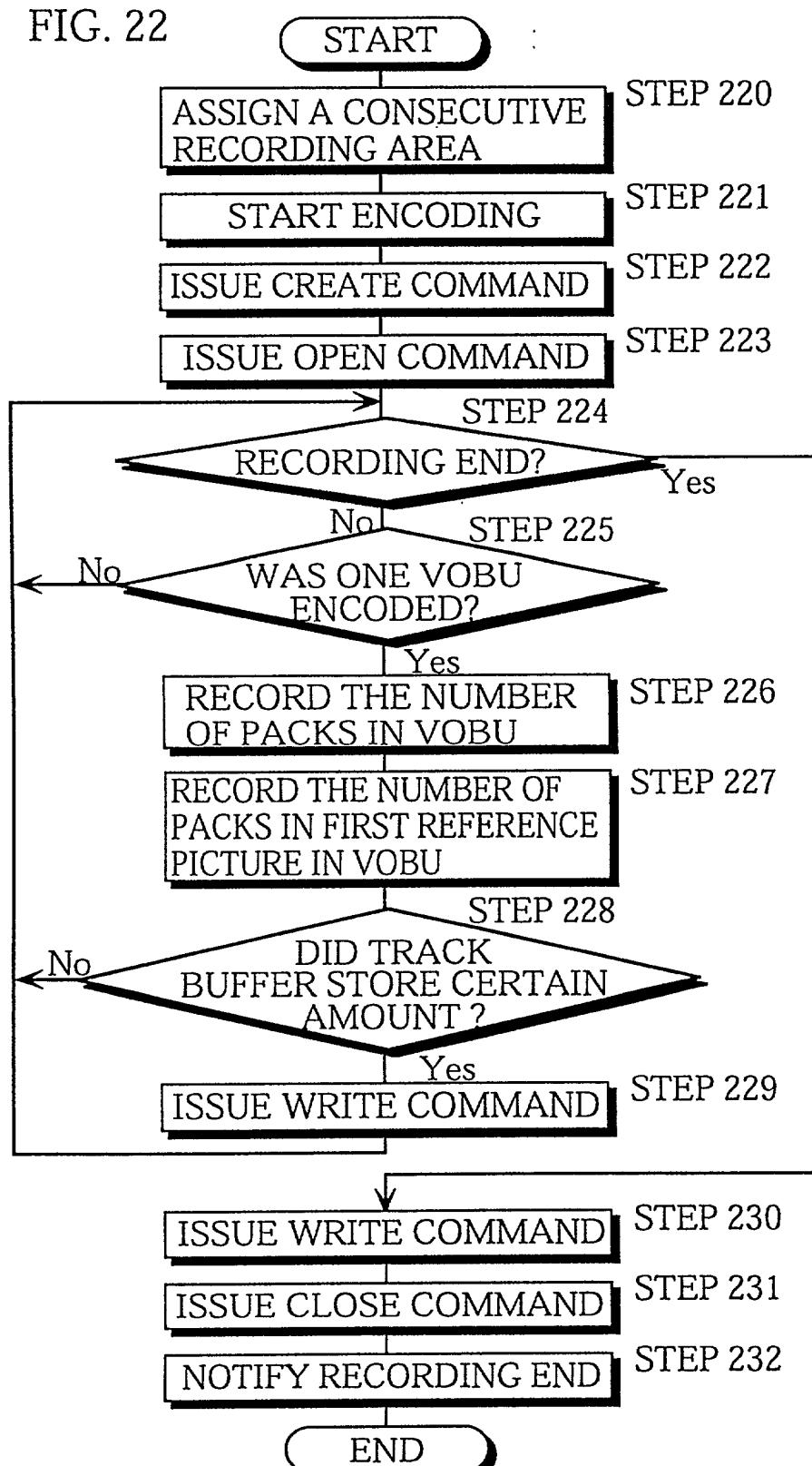


FIG. 23

VOBU NO.	NUMBER OF PACKS IN FIRST REFERENCE PICTURE IN VOBU	NUMBER OF PACKS IN VOBU
#1	14	46
#2	15	51
#3	13	49
#4	14	47
#5	14	46
#6	15	51
#7	13	49
#8	14	47
#9	14	46
#10	15	51
#11	13	49
#12	14	47
:	:	:
#21	15	51
#22	13	49
:	:	:

FIG. 24

PROCESS BY THE AV FILE MANAGEMENT INFORMATION GENERATING UNIT 112

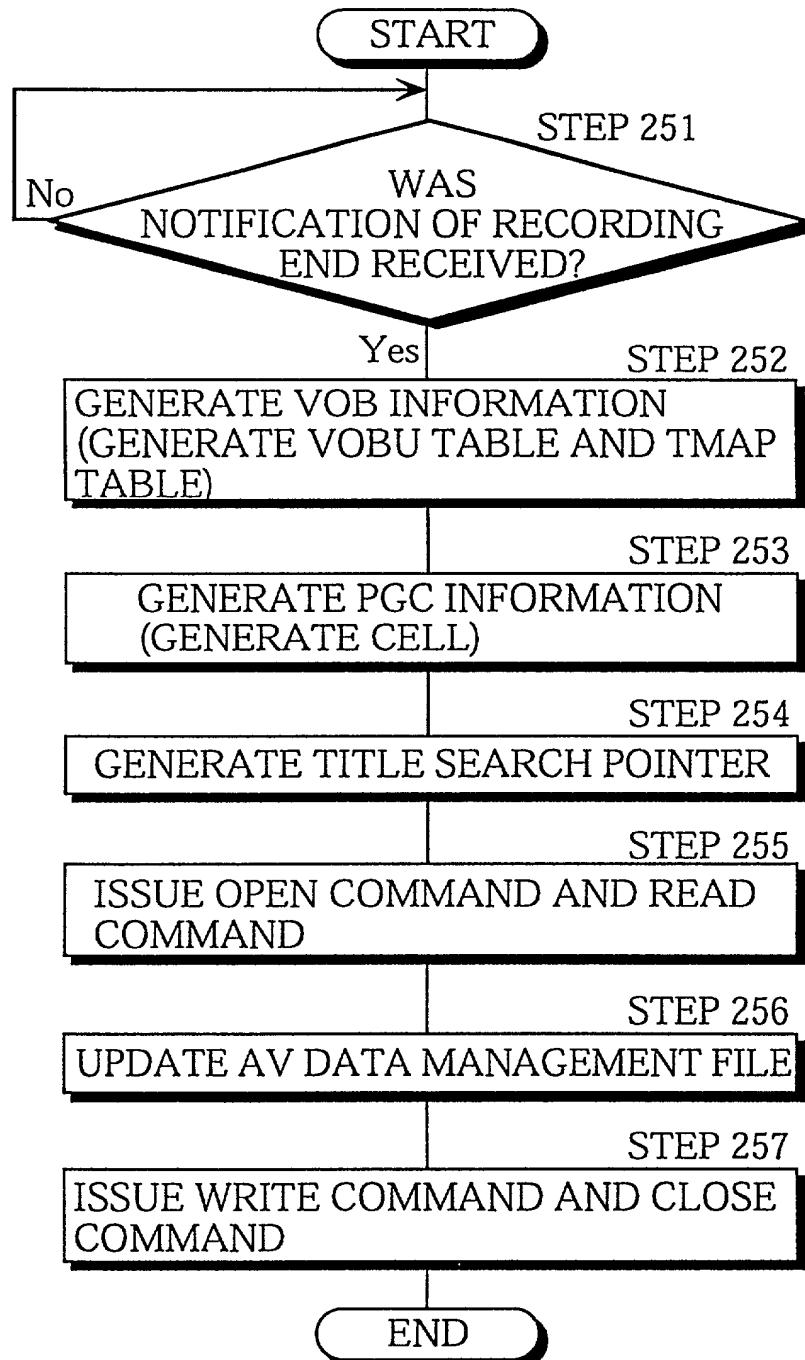


FIG. 25

TIME MAP TABLE

VOBU MAP NO.	TIME DIFFERENCE	VOBU ADDRESS
#1	0	0
	0	483
#2	0	974
#3	:	:

VOBU TABLE

NUMBER OF PACKS IN REFERENCE PICTURE	REPRODUCTION TIME	NUMBER OF VOBUS PACKS
14	30	46
15	30	51
13	30	49
14	30	47
14	30	46
15	30	51
13	30	49
14	30	47
14	30	46
15	30	51
13	30	49
14	30	47
14	30	46
15	30	51
13	30	49
14	30	47
≈		≈
15	30	51
13	30	49
!	!	!

FIG. 26

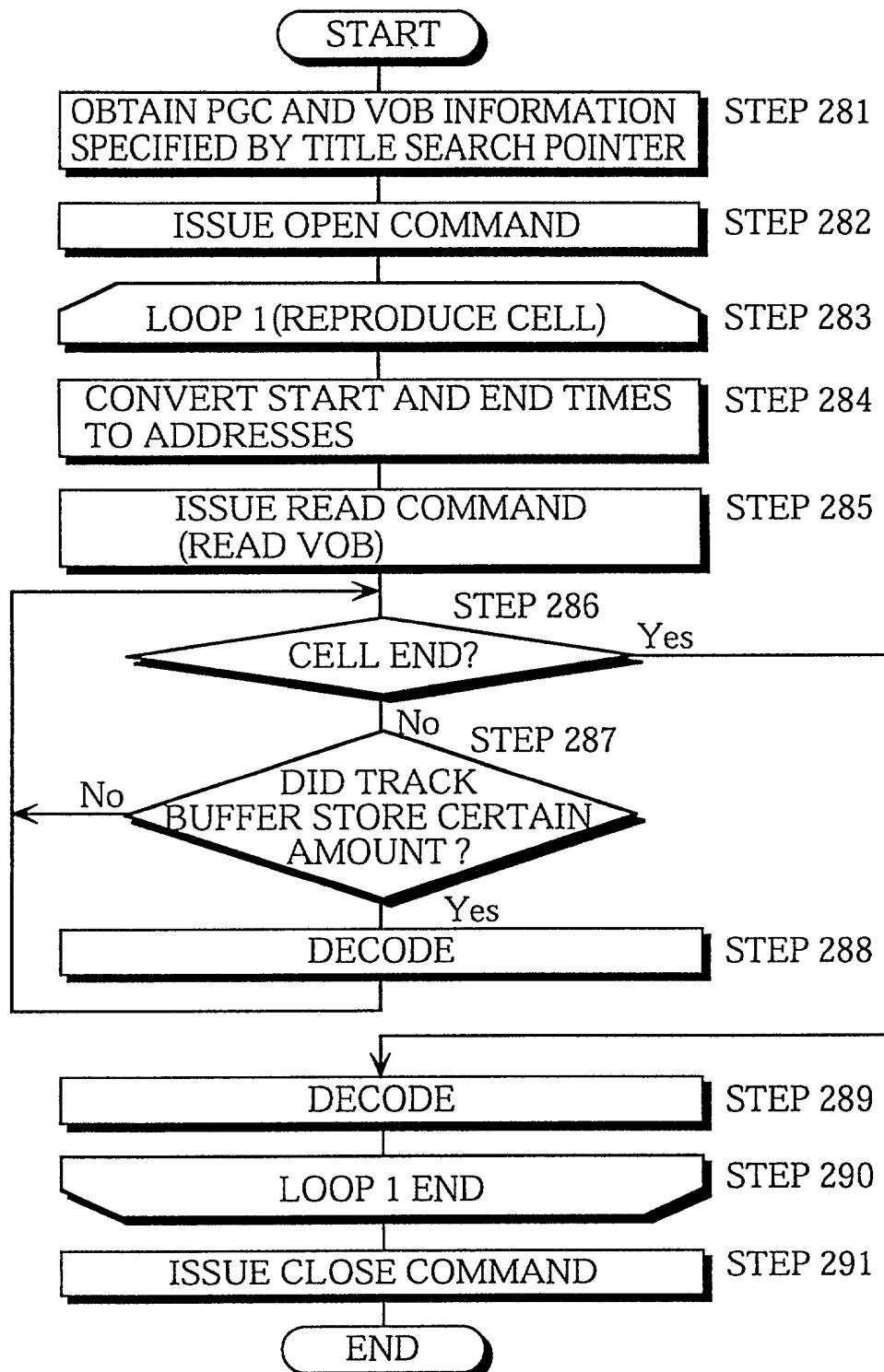


FIG. 27

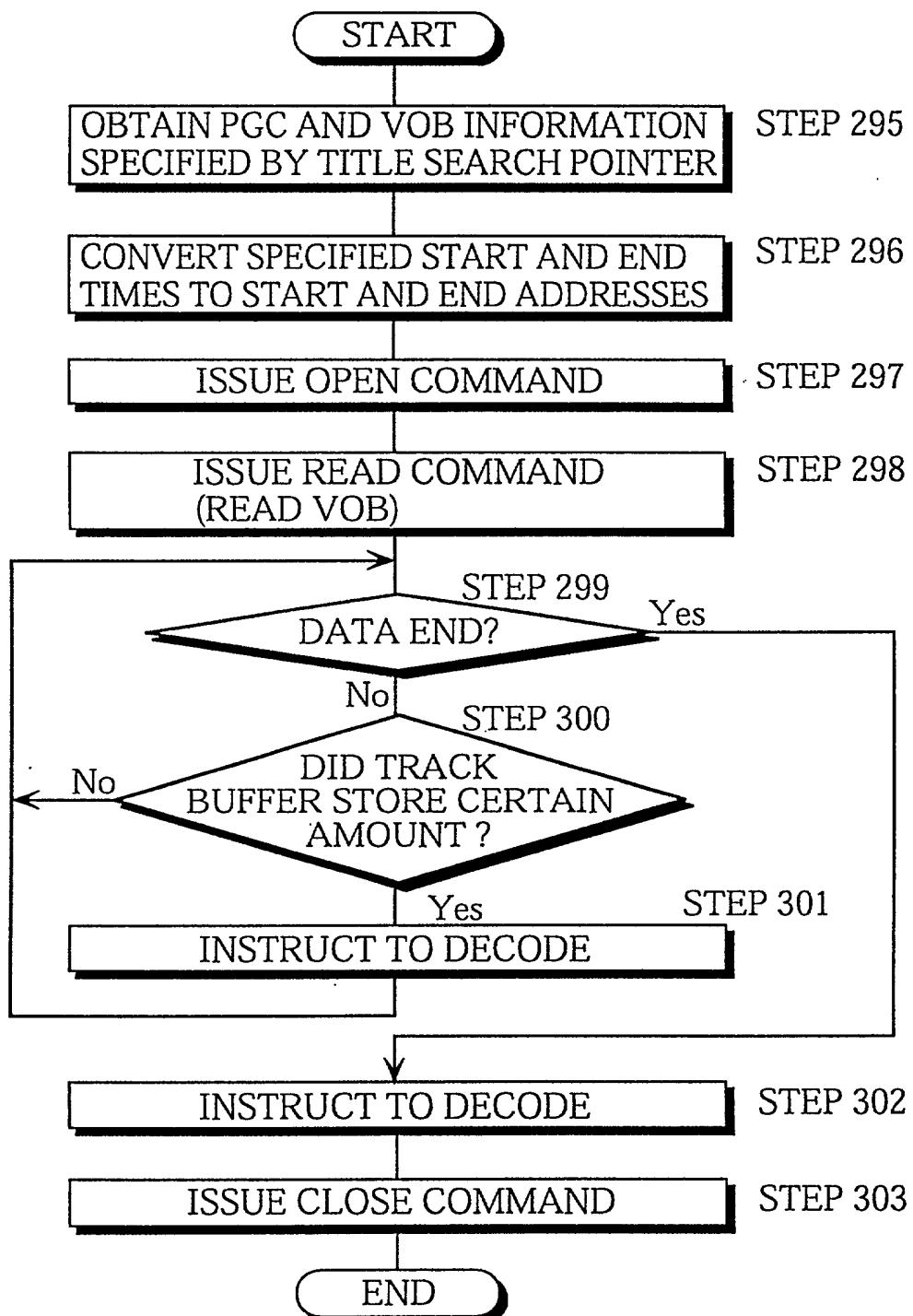


FIG. 28

